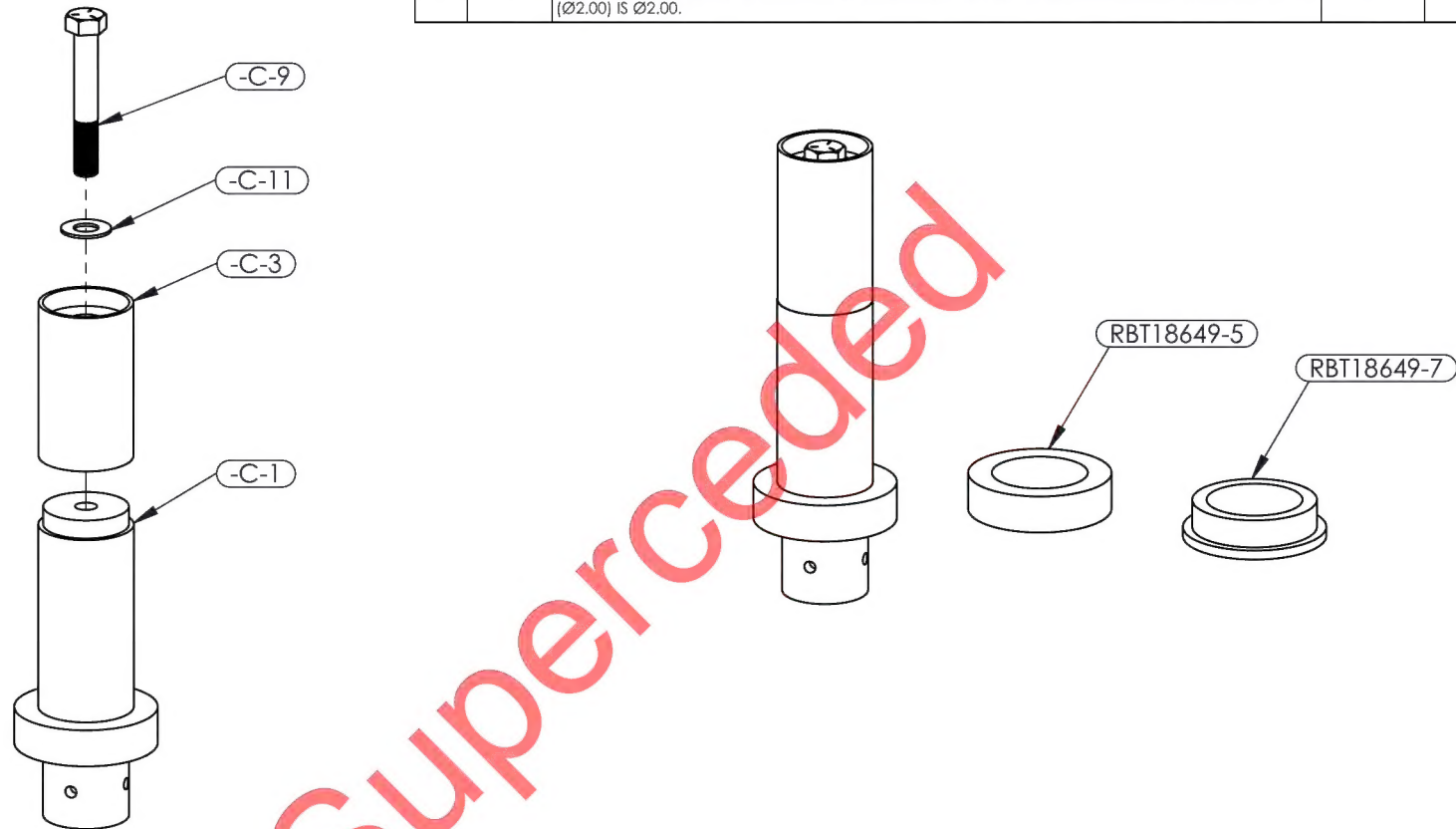


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	14-0178	BROKE OUT FROM RBT18522 & RE-NUMBERED WAS RBT18522-27 IS RBT18522-C. WAS RBT18522-29 IS RBT18522-C-1, WAS RBT 18522-31 IS RBT18522-C-3, WAS RBT18522-33 IS RBT18522-C-5, WAS RBT18522-35 IS RBT18522-C-7, WAS RBT18522-37 IS RBT18522-C-9, WAS RBT18522-39 IS RBT18522-C-11. -C-3 CH'D FINISH WAS POWDER COAT WHITE IS CAD PLATE YELLOW.	10/14/2014	DPD	JAG
6	16-0245	-C-1 CH'D DIMS WAS (Ø3.75) IS Ø3.75, WAS 2X 1.00 IS 4X 1.00, WAS Ø2.25 S.F. RBT18522-5 IS Ø2.25 +.00-.01 (S.F. RBT18522-5). ADDED ENGRAVE NOTE. -C-3 CH'D WELD SYMBOL. CH'D FINISH WAS CAD PLATE YELLOW QQ-P-416F, TYPE II, CLASS II IS ZINC PLATE ASTM B633 TYPE I SC2. -C-5 CH'D DIM WAS (Ø2.00) IS Ø2.00.	11/22/2016	DPD	SM



TITLE			
ROTOR HEAD STAND ASSEMBLY			
DWG NO.			REV
RBT18522-C			6
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
DRAWN BY:		.X ± .1 SURFACES = 125°	
GILBERT		1. BREAK ALL SHARP EDGES	
CHECKED:		.015 x 45° OR .015R	
CLOUGH		2. DIMENSIONAL LIMITS APPLY	
OPPS APPR:		AFTER PLATING	
ANDERSON		3. INTERPRET DIM AND TOL PER	
QA APPR:		ASME Y14.5M-2009	
LINDSAY		USED ON MODEL	
APPROVED:		BELL 407	
MACKOVJAK		DATE	
SCALE		5/22/2014	
1:5		SHEET 1 OF 4	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				1	SLEEVE A	NYLON OR PHENOLIC	RBT18649-5	1
				1	SLEEVE B	NYLON OR PHENOLIC	RBT18649-7	1
			-C-1	1	HUB	6061		2
	X		-C-3	1	WELDMENT			3
	1		-C-5		TUBE	DOM		4
	1	B/O	-C-7		WASHER	STEEL	Ø2.25 O.D. X Ø.938 I.D. X .136-.192 THICK (MCMASTER-CARR #91081A037)	3
		B/O	-C-9	1	BOLT	STEEL	5/8-18 X 4 (MCMASTER-CARR #91247A444)	1
		B/O	-C-11	1	WASHER	STEEL	Ø5/8 (MCMASTER-CARR #90126A035)	1
	ASSY -C-3							

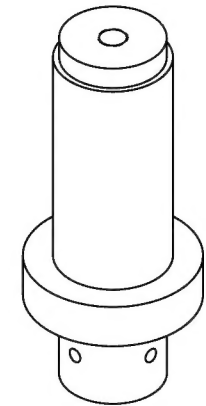
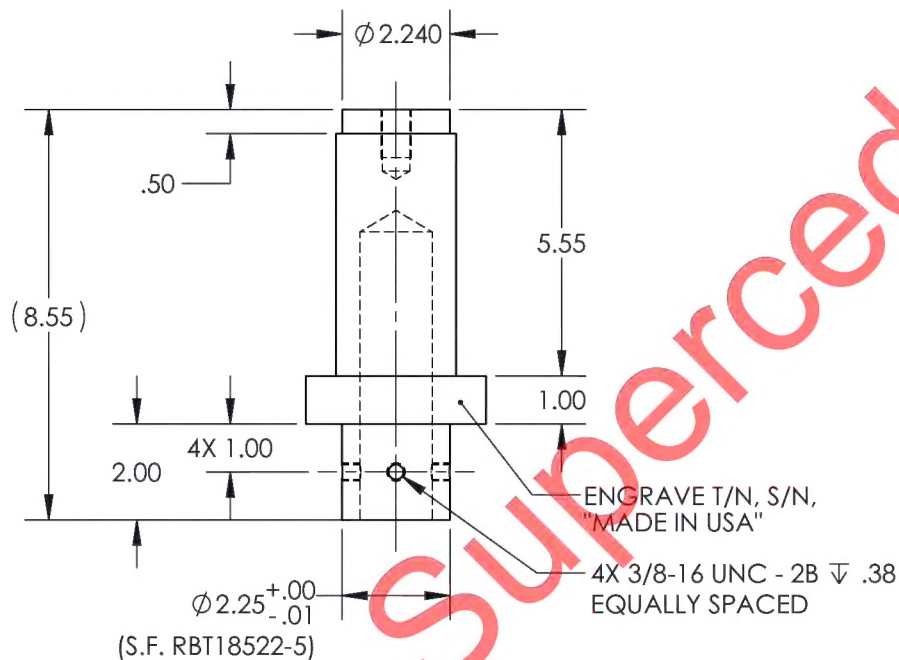
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0245	-C-1 CH'D DIMS WAS (Ø3.75) IS Ø3.75, WAS 2X 1.00 IS 4X 1.00, WAS Ø2.25 S.F. RBT18522-5 IS Ø2.25 +.00-.01 (S.F. RBT18522-5). ADDED ENGRAVE NOTE.	11/22/2016	DPD	SM

5/8-18 UNF - 2B ∇ 1.00

Ø3.75

Ø2.50



Ø1.5 ∇ 6.0

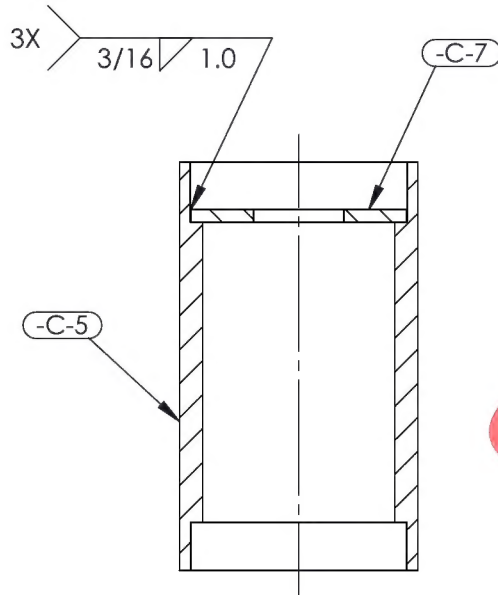
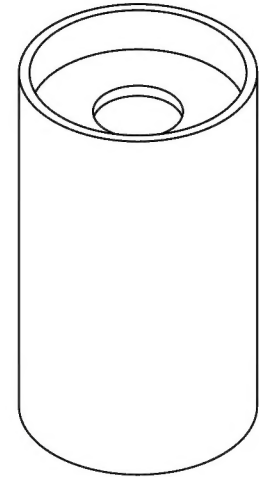
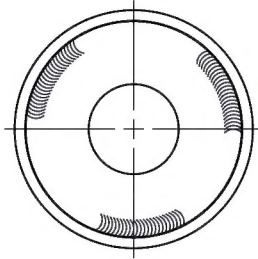
(-C-1)

HUB

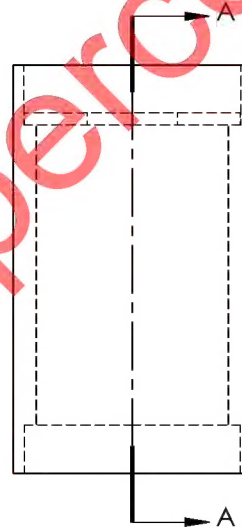
DART AEROSPACE	
TITLE ROTOR HEAD STAND ASSEMBLY	
DWG NO. RBT18522-C-1	REV 6
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX \pm .005 FRACTIONS \pm 1/8
FINISH CLEAR ANODIZE	.XX \pm .01 ANGLES \pm 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X \pm .1 SURFACES = 125
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	BELL 407
SCALE 1:4	DATE 5/22/2014
SHEET 2 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	14-0178	-C-3 CH'D FINISH WAS POWDER COAT WHITE IS CAD PLATE YELLOW.	10/14/2014	DPD	JAG
6	16-0245	-C-3 CH'D WELD SYMBOL. CH'D FINISH WAS CAD PLATE YELLOW QQ-P-416F, TYPE II, CLASS II IS ZINC PLATE ASTM B633 TYPE I SC2.	11/22/2016	DPD	SM



SECTION A-A



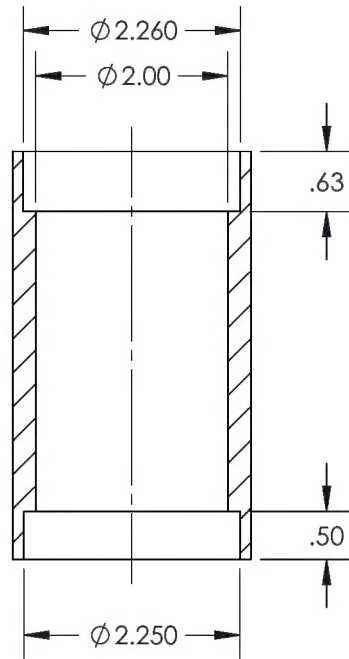
-C-3

WELDMENT

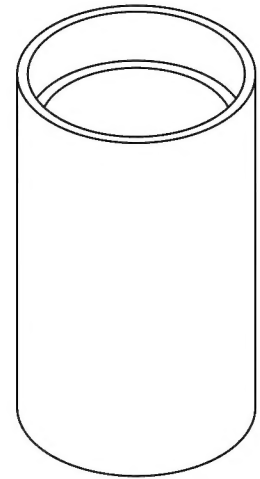
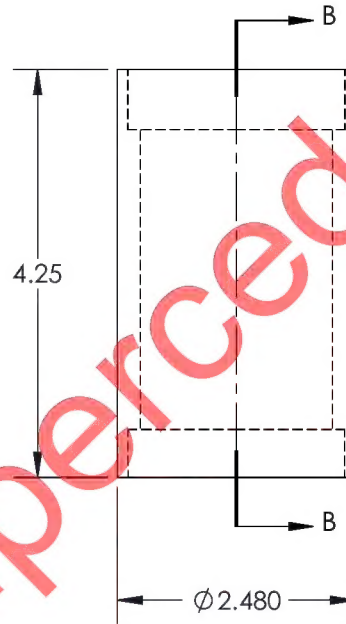
DART AEROSPACE	
TITLE ROTOR HEAD STAND ASSEMBLY	
DWG NO. RBT18522-C-3	REV 6
MAT'L ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	BELL 407
APPROVED: MACKOVJAK	
SCALE 1:2	DATE 5/22/2014
SHEET 3 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
6	16-0245	-C-5 CH'D DIM WAS (Ø2.00) IS Ø2.00.	11/22/2016	DPD	SM



SECTION B-B



Superceded

-C-5

TUBE

DART AEROSPACE	
TITLE ROTOR HEAD STAND ASSEMBLY	
DWG NO. RBT18522-C-5	REV 6
MAT'L DOM SEE WELDMENT -C-3	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°
HEAT TREAT SEE WELDMENT -C-3	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
SPEC	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
CHECKED: CLOUGH	USED ON MODEL
OPPS APPR: ANDERSON	BELL 407
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 1:2	DATE 5/22/2014
SHEET 4 OF 4	